

REMARKS**Concerning the Specification**

The specification has been amended to insert sequence identification numbers. No new matter has been added.

Applicants request consideration and entry of the Sequence Listing paper copy and computer readable copy. Pursuant to 37 C.F.R. 1.77, please enter the paper copy of the Sequence Listing after the Abstract.

Concerning the Drawings

The replacement drawing submitted herewith (Fig. 19) has been amended so as to include all of the appropriate sequence identification numbers.

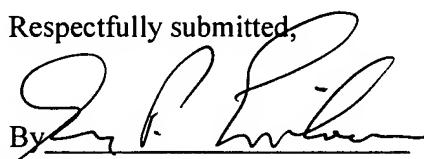
CONCLUSION

If it is determined that a telephone conference would expedite the prosecution of this application, the Examiner is invited to telephone the undersigned at the number given below.

In the event the U.S. Patent and Trademark Office determines that an extension and/or other relief is required, applicant petitions for any required relief including extensions of time and authorizes the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to Deposit Account No. 03-1952 referencing docket no. 564462008100. However, the Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: September 24, 2004

Respectfully submitted,

By 

Gregory P. Einhorn

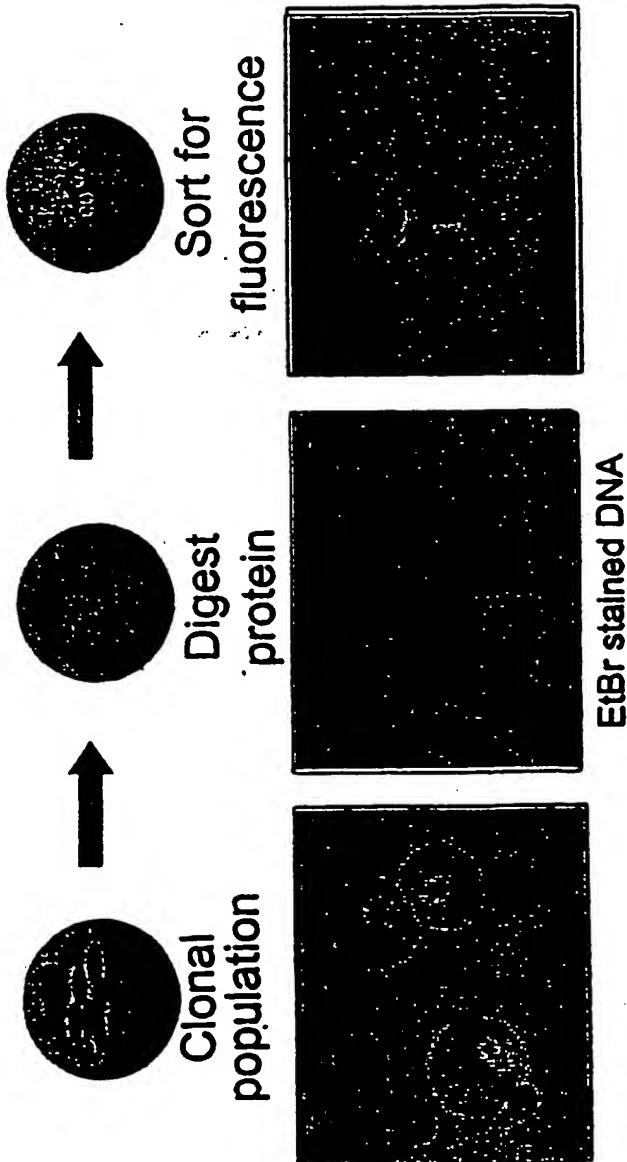
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AMENDMENTS TO THE DRAWINGS

The attached drawing sheet includes changes to Fig. 19. This sheet replaces the original sheet including Fig. 19.

Attachment: Replacement sheet
 Annotated marked-up sheet

FACS-Biopanning



Alignment of Environmental PKS Sequence

- STGCTSGLDSVGAVOLIREGSAADVIAGRADTPSPWVACFDIAHATTPEHAA
VSTGCTSGLDSVGAVGYATHTEGRADVIAGRASLSPSPITMACPDAIKATSPPHDDPEHA
VBTGCTSGLDSVGAVGYATHIAHAGRADVCLAGASDSPSPITMACPDAILATSFSDHOUFETA
VSA3CTSGISIGIAELIRECTDVAWAGTVDAPAPITVADTSPVYGGAAARALSTKHNSKPCAA
TATACTSGVRIIGHARIAHYGDADVMVAGGABUSTPLVYGGAAARALSTKHNSKPCAA
SPPDGTRHJFVTLARGAAMPVLEYBAKRGAHYVASYGCHYATRCHAHTT31KIGJCF
SPFFDAHRIAFVNGEQAVTLYLEBLHAPARGAHVTCGIVATEFGHAYHMT31KIGJCF
SEPFDPARSPVNUJEGJAVVLEELHABRGDUVYCELFVIVATEFGHAYHMT31KIGJCF
SEPFSEBNFVULGEZGAIVLSEHAAVRGARYIAHJGCTASBGHAYHMT31KIGJCF
SPMDKDERGCFVUJDAGLVLSEHAKRGAKIYABLVUFGASSDAYHMT31KIGJCF

HABITATBALDEA (SEQ 1D NO:5)
 MAPAIDVAKHIA (SEQ 1A NO:6)
 MARAJUTALDEA (SEQ 1D NO:7)
 KABANITBALDEA (SEQ 1D NO:8)
 AALAMARALDKA (SEQ 1D NO:9)

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